

PATENT

Case Docket No. INNOG2.001C1

Date: January 21, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Quint et al.)
Appl. No. : 10/035,978)
Filed : December 21, 2001)
For : PROBES, METHODS AND)
KITS FOR DETECTION AND)
TYPING OF HELICOBACTER)
PYLORI NUCLEIC ACIDS IN)
BIOLOGICAL SAMPLES)
Examiner : Unknown)
Group Art Unit : 1655)

I hereby certify that this correspondence and the marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: United States Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202, on

January 22, 2003
(Date)
Che S. Chereskin
Che Swyden Chereskin, Ph.D., Reg. No. 41,466

TRANSMITTAL LETTER

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

Enclosed for filing in the above-identified application are:

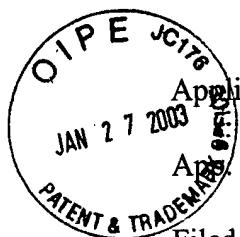
- (X) A Supplemental Information Disclosure Statement.
- (X) A PTO Form 1449 with ten (10) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

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PATENT

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HELICOBACTER PYLORI)
NUCLEIC ACIDS IN)
BIOLOGICAL SAMPLES)
Examiner : Unknown)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: Jan. 22, 2003

By: Che S. Chereskin
Che Swyden Chereskin, Ph.D., Reg. No. 41,466
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Customer No. 20,995
(949) 760-0404

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
INNOG2.001C1APPLICATION NO.
10/035,978SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
BY APPLICANTAPPLICANT
Quint et al.FILING DATE
December 21, 2001GROUP
1655

(USE SEVERAL SHEETS IF NECESSARY)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
/	5,595,874	01/21/97	Hogan et al.			
/	5,958,689	09/99	Scholin et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
/	Antonello Covacci et al., "Molecular characterization of the 128-kDa immunodominant antigen of H. pylori associated with cytotoxicity and duodenal ulcer" PNAS, Vol. 90, June 1993, pp. 5791-5795.	
/	Cover, "The vacuolating cytotoxin of helicobacter pylori," Molecular Microbiology, Vol. 20, No. 2, April 1999, pp. 241-246.	
/	Cover et al., "Divergence of the genetic sequences for the vacuolating cytotoxin among Helicobacter pylori strains," The J. of Biological Chemistry, Vol. 269, No. 14, April 1994, pp. 10566-10573.	
/	Marie-Odile Husson et al., "Importance in Diagnosis of Gastritis of Detection by PCR of the cagA Gene in H. pylori Strains Isolated from Children," J. of Clinical Microbiology, Vol. 33, No. 12, December 1995, pp. 3300-3303.	
/	Andrey P. Lage et al., "Diagnosis of H. pylori Infection by PCR: comparison with Other Invasive Techniques and Detection of cagA Gene in Gastric Biopsy Specimens," J. of Clinical Microbiology, Vol. 33, No. 10, October 1995, pp. 2752-2756.	
/	Phadnis et al., "Pathological significance and molecular characterization of the vacuolating toxin gene of H. pylori," Infection and immunity, Vol. 62, No. 5, May 1994, pp. 1557-1565.	
/	Schmitt et al., "Genetic analysis of the H. pylori vacuolating cytotoxin: structural similarities with the IgA protease type of exported protein," Molecular Microbiology, Vol. 12, No. 2, 1994, pp. 307-319.	
/	Stratagene Catalog, 1988, p. 39.	

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